108Mbps 802.11g MIMO Wireless Access Point

TEW-610APB

The 108Mbps 802.11g MIMO Wireless access point gives your wireless devices the freedom to operate at any location with reduced system interference or dropouts. Add this device to your Ethernet network, and you'll have reliable, high-speed wireless access, which provides wider coverage than standard 802.11b or 802.11g wireless networks. The MIMO Wireless Access Point navigates through possible signal interference, turning your former “dead zones” into hot spots! Fully compatible with your existing 802.11g and 802.11b systems and devices, the MIMO Wireless Access Point is the ideal upgrade for your wireless network.

FEATURES

- Wi-Fi Compliant with IEEE 802.11g and IEEE 802.11b Standards
- Supports Super G Technology with Data Rate up to 108Mbps (8X Faster)
- Enhance Wireless Coverage up to 800% More Coverage with MIMO Technology
- Supports Access Point and WDS Bridge (up to 6 units) Modes
- Supports 64/128-bit WEP(Hex) Encryption
- Supports WPA/WPA2 and WPA-PSK/WPA2-PSK Encryptions
- Supports MAC Address Filter (up to 16 entries)
- Wireless Signal On/Off and SSID On/Off Control
- Flash Memory for Firmware Upgrade and Easy Management via Web Browser (HTTP)
- Compliant with Windows 95/98/NT/2000/XP/2003 Server, Linux and Mac OS
- Coverage up to 150 meters (500ft.) Indoor(depends on the environment)
- Coverage up to 400 meters (1300ft.) Outdoor(depends on the environment)
- 3-Year Warranty

Note: Coverage and Speed performance might vary depending on the network environment.

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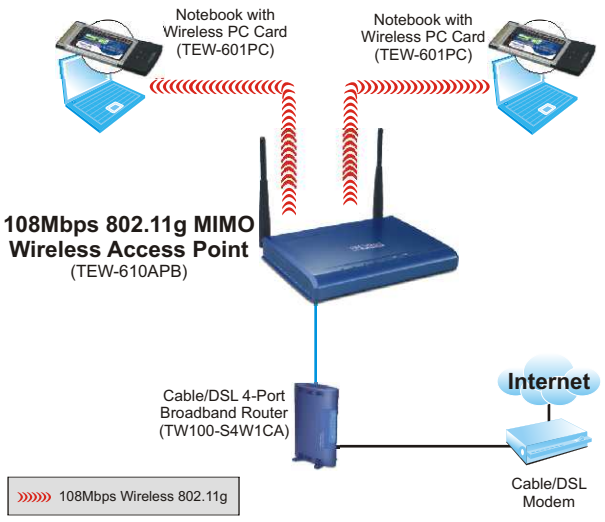
SPECIFICATIONS

Hardware	
Standards	• **Wired:** IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX) • **Wireless:** IEEE 802.11b (11Mbps), IEEE 802.11g (54Mbps)
Interface	• 1 x 10/100Mbps Auto-MDIX LAN Port
Reset Button	• Reset to Factory Default Settings
LED Indicator	• Power, LAN, WLAN
Power Adapter	• 5V DC, 2A External Power Adapter
Dimension (L x W x H)	• 180 x 122 x 30 mm (6.8 x 4.6 x 1.1 inches)
Weight	• 320g (0.7 lbs)
Temperature	• Operating: 0°~ 40°C (32°F~ 104°F) • Storage: -20°~ 60°C (4°F~ 120°F)
Humidity	• Max. 90% (non-condensing)
Certification	• FCC, CE
Wireless	
Module Technique	• 802.11b: CCK (11 and 5.5Mbps), DQPSK(2Mbps), DBPSK (1Mbps) • 802.11g: OFDM (6, 9, 12, 18, 24, 36, 48, 54Mbps)
Frequency	• 2.412 ~ 2.472 GHz
Modes	• Access Point, WDS Bridge
Antenna	• 2 x 4dBi (max) Fixed External Dipole Antenna • 2 x Internal PCB Antenna
Media Access Protocol	• CSMA/CA with ACK
Data Rate	• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps • Super G: 108Mbps
Security	• 64/128-bit WEP (Hex) • 802.1X (EAP): WPA/WPA2/802.1x Authenticator • WPA: WPA/WPA2, WPA-PSK/WPA2-PSK • MAC Address Filter (up to 16 entries)
Output Power	• 802.11b: 18dBm (typical) • 802.11g: 16dBm (typical)
Receiving Sensitivity	• 802.11b: 10^{-5} BER @ -85 dBm • 802.11g: 10^{-5} BER @ -73 dBm
Channels	• 1~ 11 (US), 1~13 (EU)

NETWORKING SOLUTIONS


Notebook with Wireless PC Card (TEW-601PC)
Notebook with Wireless PC Card (TEW-601PC)
108Mbps 802.11g MIMO Wireless Access Point (TEW-610APB)
Cable/DSL 4-Port Broadband Router (TW100-S4W1CA)
Internet
Cable/DSL Modem
108Mbps Wireless 802.11g

PACKAGE CONTENTS

- TEW-610APB
- Multi-Language QIG
- CD-ROM (User's Guide)
- RJ-45 Cable (1.5m)
- Power Adapter (5V, 2A)

RELATED PRODUCTS

TEW-601PC	108Mbps 802.11g MIMO Wireless PC Card
TEW-603PI	108Mbps 802.11g MIMO Wireless PCI Adapter
TEW-611BRP	108Mbps 802.11g MIMO Wireless Router

ORDERING INFORMATION

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